



UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

PATENT APPLICATION

Hungming J. Liaw, et al.

NOVEL BACTERIAL STRAINS, METHODS
OF PREPARING THE SAME AND USE
THEREOF IN FERMENTATION
PROCESSES FOR L-LYSINE PRODUCTION

Serial No.: 09/630,454

Group Art Unit: 1645

Filed: August 2, 2000

Examiner: Devi, Sarvamangala J N

Pittsburgh, Pennsylvania 15219
August 2, 2004

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

**SECOND AMENDMENT AND REPLY TO FINAL OFFICIAL
ACTION UNDER 37 C.F.R. § 1.116**

Sir:

This is in response to the Final Official Action mailed March 9, 2004, in connection with the above-captioned Application, having a shortened statutory period for response set to expire June 9, 2004, and in response to the Advisory Action mailed May 18, 2004. In the Advisory Action the Examiner refused entry of the amendment included with the First Amendment and Reply to Final Official Action Under 37 C.F.R. § 1.116, filed on May 6, 2004.

Applicants have considered the Final Official Action and the Advisory Action. They respectfully request that the amendments herein be entered and the Application be allowed. Included with this Second Amendment and Reply is a petition for extension of time of two months filed to extend the deadline for response to August 13, 2004, a calculation of fees for net addition of claims, a Notice of Appeal, and the required fees for the foregoing documents.

Please amend this Application as follows:

Amendments to the Claims are reflected in the Listing of Claims, which begins on page 3 of this Response.

Remarks/Arguments begin on page 4 of this Response.